

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A statistic information extraction method comprising:

a first step of setting a table for retrieving a pattern to which a user policy is reflected;

a second step of retrieving the pattern from received packets based on the table; and

a third step of storing statistic information of the pattern retrieved, wherein

the first step sets in the a first table a packet type, ~~an error type,~~ and a pattern extraction position within a header of a received packet corresponding to the packet type and those types, ~~sets in a second table~~ a retrieval pattern corresponding to the pattern extraction position; ~~and~~

the second step determines that the pattern has been retrieved when the a pattern of the received packet is retrieved based on the pattern extraction position corresponding to the packet type of the received packet; and the retrieved pattern is matched with the retrieval pattern set in the ~~second~~ table; and

the third step stores the statistic information of the pattern retrieved, when the second step determines that the pattern has been retrieved.

2. (Original) The statistic information extraction method as claimed in claim 1, wherein the first step sets in the table whether or not the received packet should be made a learning object, and the second step adds to the table a pattern unable to be retrieved if the received packet is set as the learning object in the table when the pattern is unable to be retrieved.

3. – 6. (Cancelled)

7. (Original) The statistic information extraction method as claimed in claim 1, wherein the third step counts the retrieved pattern, and makes the count the statistic information.

8. (Currently Amended) A statistic information extraction device comprising:

a first means setting a table for retrieving a pattern to which a user policy is reflected;

a second means retrieving the pattern from received packets based on the table; and

a third means storing statistic information of the pattern retrieved, wherein

the first means sets in ~~the a first~~ table a packet type, ~~an error type, and~~ a pattern extraction position within a header of a received packet corresponding to the packet type and those types, sets in ~~a second table~~ a retrieval pattern corresponding to the pattern extraction position; ~~and~~

the second means determines that the pattern has been retrieved when ~~the a~~ pattern of the received packet is retrieved based on the pattern extraction position corresponding to the packet type of the received packet; and the retrieved pattern is matched with the retrieval pattern set in the ~~second~~ table; and

the third means stores the statistic information of the pattern retrieved, when the second means determines that the pattern has been retrieved.

9. (Original) The statistic information extraction device as claimed in claim 8, wherein the first means sets in the table whether or not the received packet should be made a learning object, and the second means adds to the table a pattern unable to be retrieved if the received packet is set as

the learning object in the table when the pattern is unable to be retrieved.

10. - 13 (Cancelled)

14. (Original) The statistic information extraction device as claimed in claim 8, wherein the third means counts the retrieved pattern, and makes the count the statistic information.